

93-01-02

CD-ROM

Atty. Docket No.: 4231/2002

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Zhang, et al.  
 Serial No.: Not Yet Assigned  
 Filed: February 28, 2002  
 Entitled: "Compositions and Methods Relating to Osteoarthritis"

jc828 U.S. PTO  
 10/085783  
 02/28/02

**CERTIFICATE OF MAILING UNDER 37 CFR 1.10**

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, **Express Mail Label No. EL932820236US** on this date, **February 28, 2002**, postage prepaid, in an envelope addressed to Box: Patent Application, Commissioner for Patents, Washington, D.C. 20231.

Kathleen M. Williams

Name of Person Mailing Paper

Signature of Person Mailing Paper

**Box: Patent Application  
 Commissioner for Patents  
 Washington, D.C. 20231**

**TRANSMITTAL LETTER**

Enclosed for filing in the above-identified patent application, please find the following documents:

1. New Patent Application Transmittal;
2. Patent Application, (105 pages);
3. 1,586 sheets of informal drawings of Figs 1-19, including a CD ROM for each of Figure 14 and Figure 14A;
4. Application Data Sheet;
5. Check in the amount of \$2,844.00 for the requisite filing fee; and
7. Return Post Card.

Pursuant to 37 C.F.R. § 1.27, Applicant claims small entity status.

The Commissioner for Patents is hereby authorized to charge any additional fees or credit any overpayment in the total fees to Deposit Account No. 16-0085, Reference No. 4232/2002. A duplicate of this transmittal letter is enclosed for this purpose.

Respectfully submitted,

Date: February 28, 2002

Name: Kathleen M. Williams

Registration No.: 34,380

Customer No.: 29933

Palmer & Dodge LLP

111 Huntington Avenue

Boston, MA 02199-7613

Tel: 617-239-0100

## NEW UNITED STATES UTILITY PATENT APPLICATION TRANSMITTAL

Atty. Docket No.: 4231/2002

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Kathleen M. Williams

Name of Person Mailing Paper

Signature of Person Mailing Paper

Box Patent Application  
Commissioner for Patents  
Washington, D.C. 20231

**Enclosed herewith is a new patent application of:**

First Named Inventor (or application identifier): Hongwei, Zhang

Title of Invention: "Compositions and Methods Relating to Osteoarthritis"

Type:



New



Continuation of:



Continuation-in-Part of:



Divisional of:

**and includes the following papers:**

1. ☒ Specification 105 pages (including specification, claims, abstract)/102 claims (41 independent)
2. ☒ Declaration/Power of Attorney is:
 

☐ Enclosed: ☐ executed ☐ unexecuted  
☒ NOT included, but deferred under 37 C.F.R. § 1.53(f).
3. ☒ 1,586 Distinct sheets of ☐ Formal ☒ Informal Drawings
4. ☒ Application Data Sheet
5. ☐ Preliminary Amendment.
6. ☐ Information Disclosure Statement
 

☐ Form 1449 ☐ A copy of each cited prior art reference
7. ☐ Assignment with Recordation Cover Sheet.
8. ☒ Priority is hereby claimed under 35 U.S.C. § 119 based upon the following application(s):

Country	Application Number	Date of Filing (day, month, year)
US	60/305,340	13/July/2001
US	60/275,017	12/March/2001
US	60/271,955	28/February/2001

9. ☐ Priority is hereby claimed under 35 U.S.C. § 120 based upon the following application(s):

Application Number	Date of Filing (day, month, year)

10. ☐ Priority is hereby claimed under 35 U.S.C. § 121 based upon the following application(s):

Application Number	Date of Filing (day, month, year)

11. ☐ Priority document(s).
12. ☐ Microfiche Computer Program (Appendix).
13. ☐ Nucleotide and/or Amino Acid Sequence Submission.  
☐ Computer Readable Copy.  
☐ Paper Copy (identical to computer copy).  
☐ Statement verifying identity of above copies.
14. ☐ Request for Non-Publication and Certification under 35 USC 122 (b)(2)(B)(i)
15. ☒ Statement of Small Entity Status, Pursuant to 37 C.F.R. §1.27.

16. Calculation of Fees:

FEES FOR	TOTAL CLAIMS	EXCESS CLAIMS	FEE	AMOUNT DUE
Basic Filing Fee (37 C.F.R. § 1.16(a))				\$740.00
Total Claims in <b>Excess of 20</b> (37 C.F.R. § 1.16(c))	102	82	\$18.00	1,476.00
Independent Claims in <b>Excess of 3</b> (37 C.F.R. § 1.16(b))	41	38	\$84.00	3,192.00
Multiple Dependent Claims (37 C.F.R. § 1.16(d))	Yes		\$280.00	280.00
Subtotal - Filing Fee Due				\$5,688.00
Reduction by 50%, if Small Entity (37 C.F.R. §§ 1.27, 1.28)	MULTIPLY BY 0.50			\$2,844.00
<b>TOTAL FILING FEE DUE</b>				<b>\$2,844.00</b>
Assignment Recordation Fee (if applicable) (37 C.F.R. § 1.21(h))	0		\$40.00	
<b>GRAND TOTAL DUE</b>				<b>\$2,844.00</b>

17. PAYMENT is:  
☒ included in the amount of \$2,844.00 by our enclosed check. The Commissioner is hereby authorized to charge any deficiencies in the fees to Deposit Account 16-0085, Ref. 4231/2002.  
☐ not included, but deferred under 37 C.F.R. § 1.53(f).

18. All correspondence for the attached application should be directed to:

**Kathleen M. Williams**  
**Customer Number 29933**  
111 Huntington Avenue  
Boston, MA 02199-7613

19. Other: \_\_\_\_\_

Respectfully submitted,

Date: February 28, 2002

By: \_\_\_\_\_

Name: Kathleen M. Williams  
Registration No.: 34,380